## WITH THE FARMERS

By Prof. W. F. MASSEY



W. F. Massey. condition by pre-venting the growth of the fungus that destroys the leaves. ealthy and thriving condition, and the and thriving condition, and the perfect, and the owner is get-extra price for it because there tomatoes and not a leaf on the s, and the fruit is hardly worth picking. The fact that there is an abundance of fruit on some of leafless fields shows that so long the folinge remained the plants by the rise of the soil water. When doing well, but when the folinge a plant starts to grow, the first thing destroyed the piles of tomatoes our microscopes can discover being turned a sickly red with veilow made is starch. that have to be cut off, and what living matter, the nitrogenous part of the plant, in the plant, makes all the woody mafore the disease appeared. But most growers, seeing their plants growing well and forming fruit well, are apt to imagine that all is well till the blight hits them, and then it is too late to do anything. My tomatoes that were started early and forwarded under glass were early, but they are still making good fruit, and the first started to the still making good fruit, and the first started to the still making good fruit, and the first started to the still making good fruit, and the first started to the still making good fruit, and the first started to the still making good fruit, and the first started to the still making good fruit, and the first started to the still making good fruit, and the first started to the still making good fruit, and the first started to the still making good fruit, and the first started to the still making good fruit, and the so-called carbohydrate materials in the plant, and all the so-called carbohydrate materials in the plant, and all the so-called carbohydrate materials in the plant, and all the so-called carbohydrate materials in the plant, and all the so-called carbohydrate materials in the plant, and all the so-called carbohydrate materials in the plant, and all the so-called carbohydrate materials in the plant, and all the so-called carbohydrate materials in the plant, and all the so-called carbohydrate materials in the plant, and all the so-called carbohydrate materials in the plant, and all the so-called carbohydrate materials in the plant, and all the so-called carbohydrate materials in the plant, and all the so-called carbohydrate materials in the plant, and all the so-called carbohyd is green and healthy. In these days using means to prevent the fungus diseases and insects that past experience has shown us are apt

Tracy, of the Department of Agriculture, once stated that he had grown tomatoes at the rate of thirty-six tons an care. I never got near that amount in acres, and I doubt that any plantation has made anywhere near that over acres. It is easy to figure out a large grief regardless of cost has been taught rather than that of making the most profit ner acre. Tracy, of the Department of Agricul- stead acres. It is easy to figure out a large been taught rather than that yield per acre from a small plot of ing the most profit per acre, great production, but to carry the work "I read an article some tin actually over the acres is a very dif-ferent matter. But with good soil, to make more corn with rows four feet well-grown plants and good cultiva-tion, any farmer should be ashamed in any other wa to make less than ten tons an acre of you mean one tomate pack in Maryland and Vir-ia is getting to be an important the growing, and use growers and canners, and, of their own poor farming and neglect buying nitrogen in a fertilizer, imagine that the mere growing

often asked if it will not help the land and burn them, and to burn the wild gress around the field. A rotation of crops will do much to prevent the attack of the berer, and late-planted corn is less liable to be attacked than early planted. Your failure to make ears shows that you need a better strain of corn for seed. Barren staiks, berer or no borer, age hereditary, and come from bedly-fred seen. A harren stalk in the field makes plenty of poilen in the tasel and sets the ears all around it and makes the tendency to make more barren male plants. You should get a better bred variety or corn, and then go through the field as the corn tassels and remove the strain of corn sales and remove the strain of corn and then go through the field as the corn tassels and remove the strain shows no ear, and in this way you can gradually broed out the tendency to barronness. But if you have a good potation of crops and do not plant corn after corn, but always have a clover sed to turn for corn, you will have little trouble from the borers.

A friend who is interested in large.

None Apple Trees the Pitext Season.

Another the interested in large was a composition of the most successful farmers in apple or charled in large was the product of the most successful farmers and the work of the most metric and the supplied of the most successful farmers and the supplied of the supp

Now as to the to-matoes. These same in en know that velopment of the leaves, and in the leaves the combination of the plant part of the laws governing organized food from the soil and the much larger baseball. part that comes from the air in the shape of carbon taken in by the green matter of the leaves, is made, and the top and roots is claborated and se

to attack our plants, and we must prevent them rather than try to cure them be worth my wage se they have gotten a strong hold It seems uphill work with some

are many others your county, since ke so little that the general you may not care to be identified in is less than four tons an acre, the paper. The extract of your letter treated this at length, because will be plain to you. It is hard to get Alabama, who wrote to me that what I had been saying about peas improving the land was all nonsense, for he had taken a crop of peas off a piece of larger corn borer, or what is the sugarcane borer. This is worse on newly-cieared swamp and gradually disappears as the start disappears disappears as the start disappears disappears

siter corn, but always have a clove, sed to turn for corn, you will have little trouble from the borers.

Young Apple Trees the First Senson.

A friend who is interested in large apple orchards in Western Maryland wrote me that after adopting a better short three-year rotation on a farm that formerly made fifteen bushes of wheat an acre, he had for twenty years averaged forty bushes seen during the summer in orchards an acre, and during that time had used recently planted. Many of the trees had surplus growth, and the bad started surplus growth, and the bad started surplus growth, and the leading is at the leading is

Seeks to Protect Players Who Have Served for Ten Years or More.

Detroit, Mich., September 25 .- Memtrees in the spring and runs down in the fall, while, in fact, there is no such circulation in plants. The so-called sap that rises from the soil in spring is not sap, but simply water from the soil, in which food for the tree is dissolved. This water rises with the development of the leaves with the development of the leaves and in the leaves are in the Best-oft American League has baseball team here to-day confirmed a temporal team here to-day

No player who has been a member of a major or minor league club, inclusive, for twelve years shall be given other than his unconditional release.

No player who has been carried on a major league's club's pay roll until July shall be released to the minors unless waivers are obtained from the sixteen clubs of the American and National Leagues.

A major league club owner shall be prohibited from carrying a player who has an opportunity to play on another major league club until the late months of the season, thus taking advantage of the time when the teams are carrying many recruits to send the player in question to the minors.

Many major league ball players are reported to be willing to agree to refuse to sign future contracts unless the demands of the fraternity are accepted.

	All	Sar	8.		
		121	2	3 Totals.	
		82	197	199	578
		96	196	204	596
		02	191	211	604
	Tucker 1	89	172	174	535
		69	756	788	2.313
	Athl	ette	CH.		and the same
			2	3 Totals.	
		90	257	213	660
9		74	189	197	560
i		59	145	161	465
•	Burnette 1	71	114	168	503
		94	755	759	2,158
		****			

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Good Rucing Pulled Off Before Record-

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Is told you in to-day's contest story. There the number of titles submitted by each of the first ten winners is given, with the number each has correct. It makes interesting reading, for it shows how the winners of one contest worked.

# Four important demands are under consideration it is understood. They are: No player who has been a member of a major league team for ten years shall be given other than his unconthe Elusive Dollar-\$1200 in Gold

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It consists of seventy-seven pictures, one published each day in this paper, and each picture representing the title of a book. You simply tell what book titles each picture represents, and when all seventy-seven have been published, send in your set of answers. You will find this an easy, simple game, and the rewards are large. And you get all the pictures published to date FREE with the Contest Catalogue and Answer Book.

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1st Prize . . \$300 in Gold 2nd Prize. . \$200 in Gold

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FIFTH PRIZE\$ 50		
SIXTH PRIZE\$ 50	IN	GOLD
NEXT FOUR PRIZES\$25 EACH	IN	GOLD
NEXT TEN PRIZES\$10 EACH		
NEXT THIRTY PRIZES \$5 EACH	IN	GOLD

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The Times-Dispatch:

Inclosed find 40 cents, for which send me a Booklovers' Contest Catalogue of about 5,000 book titles and the seven certificates redeemable for the first thirty-five pictures.

City...... State..... State.....

The principal features in connection with this contest are copyrighted by

The Times-Dispatch's Great \$1200.00 Gold Booklovers' Contest Picture No. 62 Date, September 26th.



What	Book	Do	es Tl	nis	Pictu	re	Repr	esent?
Write	Title	and	Name	of	Author	in	Form	Below

Your Name .....

Street and Number ..... City or Town .....

TOTAL NUMBER OF PICTURES, 77. Contest began July 27th. Each day a different picture appears in this space. Cut them qut. Save them until the last picture appears on October 11th. Don't send in partial lists. Wait until you have all the answers to the 77. Read Rules, Daily Story and Special Announcements in another part of this paper. It will help you win a prize. Extra pictures and coupons of any date that have appeared may be had at 2c. Enter to-day without registering your name. Merely Save Pictures and Coupons as they appear.

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